

In the Specification:

Please replace the paragraph beginning on page 10 line 29 with the following replacement paragraph:

Console 52 includes an on/off valve, flow control valve and flowmeter for each gas delivery outlet that delivers oxygen and anesthesia gas from console 52. More specifically, a first on/off valve 72 allows a user to turn on/off low-pressure oxygen and anesthesia gas provided by output port 71. Conduit ~~[[73]]~~ **60** provides gaseous communication between output port 71 and induction chamber 54. Flow control 75 is disposed between on/off valve 72 and output port 71, and allows a user to variably control and set the flow rate of low-pressure oxygen and anesthesia gas supplied from output port 71. Flowmeter 74 is disposed before output port 71 and after flow control 75 and measures the flow rate of gases that pass there through. In one embodiment, flowmeter 74 includes a conventional output that visually indicates flowrate to a user. After low-pressure oxygen and anesthesia gas pass through on/off valve 72, flow control 75, flowmeter 74, and output port 71, the gases are supplied to induction chamber 54.

Please replace the paragraph beginning on page 11 line 19 with the following replacement paragraph:

Console 52 includes a second outlet that provides oxygen and anesthesia gas supply to gas delivery device 56 (Fig. 5). More specifically, on/off valve 82 allows a user to turn on/off low-pressure oxygen and anesthesia gas provided by output port 81. Conduit 62 provides gaseous communication between output port 81 and gas delivery device 56. Flow control ~~[[85]]~~ **87** is disposed between on/off valve 82 and output port 81, and allows a user to variably control and set the flow rate of low-pressure oxygen and anesthesia gas supplied from output port 81. Flowmeter 84 is disposed before output port 81 and after flow control 85 and measures the flow rate of gases that pass therethrough. In one embodiment, flowmeter 84 is a conventional mechanical flowmeter, such as a conventional rotometer, and may comprise one or more of the following components: a needle valve, an indicator float, user control knobs, and valve stops. In another embodiment, an electronic flowmeter is employed and flow rate is indicated on a monitor screen or similar electronic output device. After low-pressure oxygen and anesthesia gas pass through on/off valve 82, flow control 85, flowmeter 84, and output port 81, the gases are supplied to gas delivery device 56.

Please replace the paragraph beginning on page 12 line 3 with the following replacement paragraph:

Thus, each gas delivery outlet of system 50 comprises its own flow control. As opposed to conventional anesthesia delivery systems in which anesthesia gas delivery is controlled by a general flow control that roughly adapts the amount of oxygen received from an oxygen supply source, disposing a dedicated flow control and flowmeter for each outlet according to system 50 allows precise and independent control of gases to induction chamber 54 and gas delivery device 56. In particular, system 50 allows independent and specific control of anesthesia gases to each outlet – after generation of the anesthesia gas by vaporizer 70 – thereby allowing a user to variably tailor the amount of anesthesia gas provided to a specimen at any given time. In a specific embodiment, **flowmeter flow control** 75 comprises a control knob that allows a user to vary flow rate from about 0 L/min to about 5 L/min through outlet port 71. In another specific embodiment, **flowmeter flow control** 85 comprises a control knob that allows a user to vary flow rate from about 0 L/min to about 2 L/min through outlet port 81.

Please replace the paragraph beginning on page 13 line 8 with the following replacement paragraph:

Figs. 3A and 3B illustrate front and back views, respectively, of console 52 in accordance with one embodiment of the present invention. As shown, a housing 101 supports many of the components described with respect to Fig. 2 as well as numerous other interface mechanisms. For example, switch 102 (Fig. 3A) permits control of oxygen on/off valve 66 of Fig. 2. Exhaust pump 88 is controlled using pump on/off switch 104, which is disposed beside flowmeter 91. On/off switches and flowmeters are also illustrated for each of the gas outlets. Referring to Fig. 3B, numerous conduits 105 are shown that interconnect many of the functional components of console ~~[[50]]~~ 52 and the inlet and outlet ports 59, 69, 71, 81, and 97. In a specific embodiment, 1/4 inch OD orbital welded stainless steel tubes are used as conduits 105 and are fixed to their respective ports and components using standard industrial gas fittings. Alternately, 3/8 inch OD 60 durometer viton rubber tubing may be used for conduits with significant bending.